

CORTINA D'AMPEZZO, BORCA DI CADORE, ITALY

22-25 June 2026



ETECH4D

Workshop on Electrical Power Systems and Application in Mountain and Alpine Contexts

We are delighted to invite you to the first IEEE Workshop on Electrical Power Systems and Applications in Mountain and Alpine Contexts, a unique event that combines technical education, scientific discussion, and practical insights into the electrification of alpine regions. The workshop will take place from Monday June 22th to Thursday June 25th, offering an engaging program that caters to researchers, students, and professionals alike. ETECH4D IEEE Workshop aims to explore innovative solutions and research advancements in the field of electrical engineering applied to alpine environments.



Join us in the Olympic areas for an exciting week of knowledge exchange, networking, and the opportunity to delve into the unique challenges and opportunities of electrifying alpine regions. This workshop promises to be an enriching experience, blending analytical insights with practical exposure to cutting-edge technologies.

Important dates:

Abstract submission	April 20 th 2026
Notification of acceptance	May 10 th 2026
Final paper submission	May 30 th 2026

The working language of the conference is English. Submit the extended abstract using the following layout: up to 4 pages, including figures and references. [LINK](#)

The selected authors will be requested to prepare the manuscripts in the IEEE two-column format, maximum 6 pages, using the template available [HERE](#) and to translate it in PDF using the [IEEE PDF eXpress™ facility](#). No other format in the submission and in the final version can be accepted. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. More information available on the website: <https://etech4d.info/>

KEY TOPICS

AlpGrids and Polar Context

- Microgrids and smart grids solutions
- Digital energy transformation in alpine context
- Storage systems for alpine use
- E-buildings and landscape

Mountain renewable power systems

- Hydroelectric and solar energy
- Biomass and environmental waste management

E-mobility in Alpine Regions

- Cutting-edge technologies for electrified transportation
- Electrical mass transport
- EV and e-bikes
- Charging infrastructure

Sustainable E-S

- Electrification in alpine regions
- Electrical innovations supporting the alpine activities
- Lift solutions and people moving
- Snowmaking solutions

Grid resilience